Receipt date: 04/17/2007

D-3213

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT

In re application of: Calvez et al.

Group Art Unit: Unknown

Serial No. 10/550,846

Examiner: N/A

Filed: March 24, 2004 (I.A.)

For: IMPROVEMENTS IN AND

RELATING TO VERTICAL-CAVITY SEMICONDUCTOR OPTICAL DEVICES

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on or before

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Date

Applicant wishes to call to the attention of the Examiner the documents cited on the accompanying Form PTO-1449. No concession is made that these documents are prior art, and applicant expressly reserves the right to antedate the documents as may be appropriate. Applicant requests that each of these documents be made of record in the above-identified application.

Respectfully submitted,

Frank J/Ux/ Attorney for Applicant Reg. No. 25,612 4 Venture, Suite 300 Irvine. CA 92618

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Docket No.: D-3213 Application No.: 10/550.846 Form PTO-1449 Applicant: Calvez et al. INFORMATION DISCLOSURE CITATION IN AN APPLICATION Filing Date: March 24, 2004 Group Art Unit: Unknown (Use several sheets if necessary) U. S. PATENT DOCUMENTS DOCUMENT NUMBER FILING DATE EXAMINER CLASS SUBCLASS IF APPROPRIATE Mahbobzadeh et al. 5,052,016 09/1991 5,461,637 10/1995 Mooradian et al. 5.513.203 04/1996 Damen 05/1997 Mooradian et al. 5.627.853 6,025,213 02/2000 Nemoto et al. 6.628.695 09/2003 Aldaz et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION VES WO 95/25366 09/1995 International WO 99/12235 09/1995 International WO 00/10234 02/2000 International WO 00/12235 03/2000 International WO 00/25398 04/2000 International WO 00/25398 04/2000 International WO 01/59895 08/2001 International WO 01/67562 02/2001 International OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) W.J. Alford et al., "High Power and good beam quality at 980 nm from a vertical external-cavity surface-emitting laser", Journal of the Optical Society of America B (Optical Physics) Opt. Soc. America USA, Vol. 19, No. 4, pages 663-666 (April 2002). AΒ C. Asplund et al. "1260 nm InGaAs vertical-cavity lasers", Electronics Letters, Vol. 38, No. 13. 2002, p.635-636 D.I. Babic et al., "Double-fused 1.52-µm vertical-cavity lasers", Appl. Phys. Lett.(9), 27, 1995. AC P.1030-1032 AD W.W. Bewley et al, "Thermal Characterization of Diamond-Pressure-Bond Heat Sinking for Optically Pumped Mid-Infrared Lasers", IEEE Journal of Quantum Electronics, Vol. 35, No. 11. 1999, p. 1597-1601. E. Staffan Biörlin, "High Gain, High Efficiency Vertical-Cavity Semiconductor Optical Amplifiers". ΑE IPRM. 2002, p. 307-310. A. Black. "Wafer Fusion: Materials Issues and Device Results", IEEE Journal Sel. Topics in AF Quantum Electronics, Vol. 3, No. 3, 1997, p. 943-951. EXAMINER DATE CONSIDERED 10/07/2008 /Delma Forde/ (10/07/2008) EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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